

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

SAC *PJ* | Claims 1-72. (Cancelled.) |

Claim 73. (New) A copy management method for controlling storage and reproduction of digital content, comprising:

receiving a digital bitstream including program data, the program data including system information and the digital content in a scrambled format;

descrambling the digital content in the scrambled format to provide a first output including the digital content in a descrambled format; and

concurrently outputting the first output including the digital content in the descrambled format for display and a second output including the digital content in the scrambled format for storage.

Claim 74. (New) The copy management method of claim 73, wherein the second output is based on the first output.

Claim 75. (New) The copy management method of claim 73, wherein the descrambling of the digital content and the concurrent outputting of the first output and the second output are performed by a first conditional access unit.

Claim 76. (New) The copy management method of claim 73, wherein the storage of the second output comprises storing the digital content along with at least one access requirement.

Claims 77. (New) The copy management method of claim 76 further comprising:
retrieving the stored digital content and the stored access requirement; and
descrambling the stored digital content using the stored access requirement in a second conditional access unit.

Claim 78. (New) The copy management method of claim 73, wherein prior to concurrently outputting the first output and the second output, the method further comprising encoding the second output with at least one copy management command.

Claim 79. (New) The copy management method of claim 78, wherein the at least one copy management command indicates that program data forming the second output is "copy free".

Claim 80. (New) The copy management method of claim 73, wherein prior to descrambling the digital content, the method further comprising:
demodulating the digital bitstream to recover the program data as originally transmitted.

Claim 81. (New) The copy management method of claim 73, wherein the outputting of the first output and the second output is performed simultaneously.

Claim 82. (New) The copy management method of claim 73, wherein the digital content is content contained in a digital television transmission.

Claim 83. (New) The copy management method of claim 73, wherein the receiving of the digital bitstream comprising:

tuning a tuner to a frequency to receive the digital bitstream;
demodulating the digital bitstream; and
routing the program data of the digital bitstream to a conditional access unit upon determination that the program data includes the digital content in the scrambled format.

Claim 84. (New) The copy management method of claim 83, wherein the descrambling of the digital content in the scrambled format comprising:

recovering a packet identifier (PID) from the program data, the PID indicating where an entitlement control message (ECM) may be found in the program data; and
transmitting the PID to the conditional access unit.

Claim 85. (New) The copy management method of claim 84, wherein the recovering of the PID is performed by a demultiplexer unit in communication with a central processing unit (CPU) that transmits the PID to the conditional access unit.

Claim 86. (New) The copy management method of claim 83, wherein the descrambling of the digital content in the scrambled format comprising:

extracting an entitlement control message (ECM) from the program data, the ECM being used to derive a key for descrambling the digital content in the scrambled format; and
transmitting the ECM to the conditional access unit.

Claim 87. (New) A copy management apparatus for controlling the recording and reproduction of digital content comprising:

a tuner to receive a digital bitstream including scrambled program data, the scrambled program data including the digital content in a scrambled format;

a processor to select a frequency for the tuner for receiving the digital bitstream and to transmit a packet identifier (PID); and

a conditional access unit to receive the PID from the processor, the PID identifying where an entitlement control message (ECM) is located in the program data and to derive a key using the PID for descrambling the digital content of the scrambled program data.

Claim 88. (New) The copy management apparatus of claim 87 further comprising:

a demodulator unit in communications with the tuner and the conditional access unit, the demodulator unit to demodulate the digital bitstream and to transmit the scrambled program data to the conditional access unit if the scrambled program data includes the digital content in the scrambled format.

Claim 89. (New) The copy management apparatus of claim 88 further comprising:

a demultiplexer unit in communications with the demodulator unit, the processor and the conditional access unit, the demultiplexer unit to receive the program data from one of the demodulator unit and the conditional access unit, to parse the program data for one or more packet identifiers (PIPs), and to transfer the PIP of the one or more PIPs to the processor.

Claim 90. (New) The copy management apparatus of claim 89 further comprising:

a digital interface unit in communications with the conditional access unit, the digital interface unit to encode the program data for storage.

Claim 91. (New) The copy management apparatus of claim 87 further comprising:

a digital interface unit in communications with the conditional access unit, the digital interface unit to encode the program data for storage.

Claim 92. (New) The copy management apparatus of claim 90, wherein the tuner, the demodulator unit, the processor, the demultiplexer unit, and the digital interface unit reside in a single housing.

Claim 93. (New) The copy management apparatus of claim 90, wherein the conditional access unit is an external NRSS conditional access module adapted to the single housing.

Claim 94. (New) The copy management apparatus of claim 90, wherein the conditional access unit is a Personal Computer Memory Card International Association (PCMCIA) card adapted to the single housing.

Claim 95. (New) The copy management apparatus of claim 90, wherein the conditional access unit is a smart card adapted to the single housing.

Claim 96. (New) A copy management apparatus for controlling recording and reproduction of digital content, comprising:

means for receiving a digital bitstream including program data in a scrambled format, the program data comprises the digital content in a first scrambled format;

means for recovering control information from the program data; and

means for descrambling at least the scrambled digital content based on the control information for display and concurrently re-scrambling the digital content for storage of the digital content in a second scrambled format within a storage means.

Claim 97. (New) The copy management apparatus of claim 96, wherein the storage means being an audio player/recorder.

Claim 98. (New) The copy management apparatus of claim 96, wherein the storage means being an digital video cassette recorder (VCR).

Claim 99. (New) The copy management apparatus of claim 96, wherein the storage means being a hard disk recording unit.

Claim 100. (New) The copy management apparatus of claim 96, wherein the means for recovering the control information includes recovering a packet identifier (PID) from the program data, the PID identifying where an entitlement control message (ECM) is located in the program data and to derive a key using the PID for descrambling the digital content in the first scrambled format.

Claim 101. (New) The copy management apparatus of claim 96 further comprising:
means for demodulating the digital bitstream and to transmit the program data in the scrambled format to means for descrambling if the program data includes the digital content in the first scrambled format,

Claim 102. (New) The copy management apparatus of claim 101 further comprising:
means for encoding the program data that comprises the digital content in the second scrambled format prior to storage in the storage means.